



Date: January 9, 2009
To: City Manager for Council Action
From: John C. Roukema, Director of Electric Utility
Subject: Approval of Call No. 09-2 with Milton Security Group, LLC for Electric Department Virtual Desktop Infrastructure Implementation

EXECUTIVE SUMMARY:

The Electric Department is updating the infrastructure associated with the Power Trading and Scheduling operation. As part of this work, the Electric Department is implementing a more efficient, reliable and secure method of network operations, specifically Virtual Desktop Infrastructure. This system will allow the utility to take advantage of blade server and thin client technologies to manage the Power Trading operation.

The Electric Department has received a proposal from Milton Security Group, LLC to assist in the implementation of this infrastructure. The proposal has been incorporated into Call 09-2 with Milton Security Group. A copy of Call 09-2 and Scope of Work is available for review in the Council Offices.

ADVANTAGES AND DISADVANTAGES OF ISSUE:

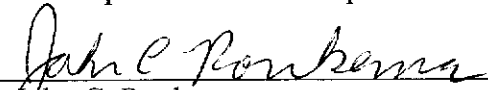
Approval of Call No. 09-2 will provide necessary support for City staff to pursue the activities of updating the Power Trading and Scheduling operations infrastructure.

ECONOMIC/FISCAL IMPACT:

The total cost of service under Call 09-2 for Milton Security Group, LLC is \$21,940.00. Sufficient funds are available in the Electric Department Capital Project entitled Power Scheduling 2008/2009 - 2013/14 (account 591-1351-80100-2122-[F]92100).


RECOMMENDATION:

That the Council approve, and authorize the City Manager to execute, Call No. 09-2 with Milton Security Group, LLC, in an amount not to exceed \$21,940.00, for the Electric Department Virtual Desktop Infrastructure Implementation.

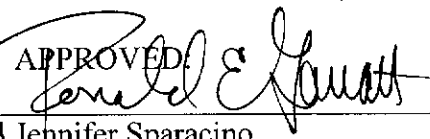

 John C. Roukema
 Director of Electric Utility

Certified as to Availability of Funds: *OK SZ*

591-1351-80100-2122 \$21,940.00


 Mary Ann Parrot
 Director of Finance

APPROVED:


 Jennifer Sparacino
 City Manager

MAJORITY VOTE OF COUNCIL

Documents Related to this Report:

- 1) Milton Security Group, LLC Call No. 09-2 and Scope of Work

**CALL NO. 09-2
FOR PROFESSIONAL SERVICES
TO BE PROVIDED TO THE
CITY OF SANTA CLARA, CALIFORNIA
BY MILTON SECURITY GROUP, LLC**

The Parties to this Call No. 09-2 ("Call") agree that on this _____ day of _____, 2009, this Call is made pursuant to the terms of a Call Agreement between the Parties entitled, "Call Agreement by and Between the City of Santa Clara, California and "Milton Security Group, LLC, dated July 17, 2007, the terms of which are incorporated by this reference. This Call describes the Services to be provided to the City of Santa Clara, California ("City") by Milton Security Group, LLC ("Contractor"), which are more fully described in Contractor's proposal to City entitled "Virtual Desktop Infrastructure (VDI)" dated January 5, 2009 ("Proposal"), attached to this Call as Exhibit A and incorporated by this reference. The Services to be performed under this Call shall be completed within the time period beginning on January 27, 2009, and ending on June 30, 2009. The attached Proposal contains a complete description of the Services, and performance dates for the completion of such Services, to be performed by the Contractor under this Call. In no event shall the amount paid to the Contractor for the Services provided to City by the Contractor under this Call, including all fees or pre-approved costs and/or expenses, exceed twenty one thousand nine hundred forty dollars (\$21,940.00), subject to budgetary appropriations.

The Parties acknowledge and accept the terms and conditions of this Call as evidenced by the following signatures of their duly authorized representatives.

**CITY OF SANTA CLARA, CALIFORNIA,
a chartered California municipal corporation**

Approved as to Form:

HELENE L. LEICHTER
City Attorney

By: _____
JENNIFER SPARACINO
City Manager

Attest:

ROD DIRIDON, JR.
City Clerk

1500 Warburton Avenue
Santa Clara, CA 95050
Telephone: (408) 615-2210
Fax: (408) 241-6771

**MILTON SECURITY GROUP LLC
a California Limited Liability Corporation**

By: _____
JAMES McMURRY
Title: Managing Partner
Address: 1440 North Harbor #900
Fullerton, CA 92835
Telephone: (714) 449-8490
Facsimile: (714) 459-7489



Virtual Desktop Infrastructure (VDI)

Proposal to

City of Santa Clara

Silicon Valley Power

January 5, 2008

BACKGROUND:

Silicon Valley Power ("SVP") is the municipal electric utility owned by the City of Santa Clara, CA. SVP is seeking assistance from Milton Security Group LLC to assist with implementing a Virtual Desktop Infrastructure ("VDI") for SVP.

PURPOSE:

The objective is to install a VMware View VDI environment for the traders and schedulers' teams and allow for Virtual Private Network (VPN) connectivity in a secure manner (up to 20 VDI Users). The VDI environment will assist in compliance with NERC and FERC requirements as traders and schedulers must utilize unique applications for their specific business functions, however, must share physical assets such as workspace and computers. In addition, VPN connectivity must be in a secure form, without allowing remote systems to be part of the network. The VDI will allow each user to access his or her personal desktop environment securely regardless of physical location while providing the administrator a central location to manage, control and secure each desktop.



WORK PLAN OVERVIEW:

Implement Virtual Desktop Infrastructure (VDI)

The VMware View VDI 20 Concurrent User Starter Bundle will be provided and the environment will be installed on an SVP provided blade server located in a Data Center or Server network. The SVP provided thin client or desktops will reside in their existing physical location and access the VDI server over the Local Area Network (LAN).

Based on the user's Active Directory credentials at login, a personal desktop will be delivered by the VMware View VDI server to the machine in the trading and scheduling desk area. The personal desktop will contain the necessary applications needed for the user to complete his or her job function.

Milton Security Group will provide the appropriate software licenses for the VMware View VDI installation in the form of a 20 Concurrent User Starter Bundle.

Install and Configure VMware View VDI Environment

The installation and initial deployment steps will include the following:

- Provide VMware View VDI Starter pack for 20 Concurrent Users.
- Install VMware View VDI software on SVP servers and verify proper functionality.
- Install VMware View VDI components as needed on SVP provided Thin Client or Desktop systems.
- Perform initial configurations for desktop provisioning.
- User account integration with Active Directory.
- Customize configurations and application installation based on job function (Traders vs. Schedulers).
- Provision personal desktops for access from the trading and scheduling area.
- Create documentation on policy and procedure where applicable.
- Test roll-out of VMware VDI to Thin Clients or Desktops.
- Customize configurations for VPN Connectivity
- Test VPN Connectivity process
- Provide cross training to ensure seamless transition to new environment.



Manage Virtual Desktop Infrastructure

PROJECT OVERVIEW:

MSG will assist in the following areas to complete each of the phases outlined above:

- 1.1 VDI design and implementation.
- 1.2 Documentation.
- 1.3 Deployment and configuration.
- 1.4 Implementing policy.
- 1.5 Training.
- 1.6 Monthly support is available if requested. (not part of this proposal)

PROJECT MANAGEMENT:

MSG will assign a project manager to manage all aspects of the project and be directly responsible for (1) managing schedules and budgets; (2) project planning; (3) technical oversight; and (4) reporting project outcomes.

COSTS:

The total costs for this project, as outlined above, including the VMware View VDI 20 Concurrent Users Start Bundle software is \$21,940.00

CITY OF SANTA CLARA
AGENDA MATERIAL ROUTE SHEET

Council Date: January 27, 2009

SUBJECT: Approval of Call No. 09-2 with Milton Security Group, LLC for Electric Department Virtual Desktop Infrastructure Implementation

CERTIFICATION

The proposed Call No. 09-2 with Milton Security Group LLC
Regarding: Implementation of Electric Department Virtual Desktop Infrastructure
has been reviewed and is hereby certified.

PUBLICATION REQUIRED:

The attached Notice/Resolution/Ordinance is to be published ____ time(s) at least ____ days before the scheduled meeting/public hearing/bid opening/etc., which is scheduled for _____, 2008.

AUTHORITY SOURCE FOR PUBLICATION REQUIREMENT:

Federal Codes:

Title _____ U.S.C. § _____
(Titles run 1 through 50)

California Codes:

Code _____ § _____
(i.e., Government, Street and Highway, Public Resources)

Federal Regulations:

Title _____ C.F.R. § _____
(Titles run 1 through 50)

California Regulations:

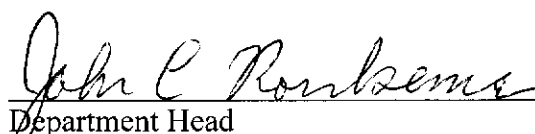
Title _____ California Code of Regulations § _____
(Titles run 1 through 28)

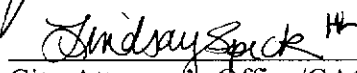
City

City Charter § _____ (i.e., 1310. Public Works Contracts. Notice published at least once at least ten days before bid opening)

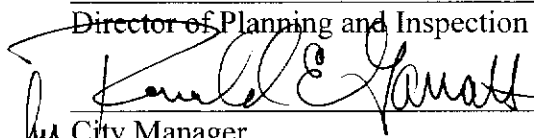
City Code § _____

1. As to City Functions, by
2. As to Legality, by
3. As to Environmental Impact Requirements, by
4. As to Substance, by


Department Head


City Attorney's Office/CAO Assignment No. 09.0010

Director of Planning and Inspection


City Manager

Revision Date: June 7, 2005